

Equipment Overview

economical & powerful



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Airless pumps



HIGH TECH

Economic processing
with machine technology



Applying
Transporting
Mixing
Conveying
Pumping

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HIGH TECH AG

Spray Equipment

HIGH TECH AG is your expert partner for the latest machine technology.

From feed pumps and continuous mixers to airless pumps, we offer an innovative machinery solution for any area of application, and are therefore the ideal company to turn to for painters, plasterers and concrete repair specialists.

The client is at the centre of our way of thinking and behaving every day.

HIGH TECH AG provides a complete range of equipment for optimal material applications.

HIGH TECH AG – we ensure your success on the building site!

Sales

We offer powerful, efficient and versatile pumps, mixers and airless equipment which ensure efficient material applications.

Building Site Support

We offer on site technical support to ensure proper and efficient material application.

**HIGH
TECH**

Service & Advice

Training courses, servicing, rentals, replacement parts, accessories and a technical hotline – we are still there for you after the sale!

Repairs

Our repair service is always ready to assist you and return your **HIGH TECH** spray equipment to top condition.



Peristaltic pump

HighPumpM8

Peristalsis, the conveying technique of the future

The **HighPumpM8** is the result of intensive research and development work: a pump which sets standards in several respects.

Its gentle pumping technique means that only a small amount of pressure builds up in the hoses and the transported material is neither compressed nor squeezed. Costs due to wear can be reduced by up to 40% in comparison with standard rotor stator pumps.

Moreover, the **HighPumpM8** can be used everywhere, its handy size is perfect for building sites and offers extremely economical performance data and operating costs.

Less time, more money

The time savings are also clear: thanks to its low weight (just 28 kg), the **HighPumpM8** can be transported quickly and easily.

Its continuous pressure regulation and the easy accessibility of all controls also help to speed up the material application. Last but not least, the **HighPumpM8** is particularly easy to clean and maintain – yet another time saving!

One for almost everything – the new face of flexibility

The unique flexibility of the **HighPumpM8** is its unbeatable advantage. Its protective material conveyance technique means it can cope equally well with almost all materials, from materials of low viscosity such as paints to highly-viscous coatings such as plaster or one and two component bituminous materials. All materials can be processed with the same machine, using one and the same conveying technique.

Technical Data:

- Voltage: 230 V/50 Hz
- Engine power: 0,5 kW
- Weight of pump: 28 kg
- Delivery distance: approx. 30 m*
- Delivery height: approx. 15 m*
- Delivery rate: 0–8 l/min
- Delivery pressure: max. 15 bar
- Particle size: max. 3 mm

* Depends on material, consistency of material and hose diameter



Rotor stator pumps

HighPumpBig 230 V/400 V



HighPumpBig 230V



HighPumpBig 400V

Technical Data (230/400V):

- Voltage: 230/400 V/50 Hz
- Engine power: 3/4,2 kW
- Weight of pump: 90/114 kg
- Delivery distance: approx. 30/approx. 50 m*
- Delivery height: approx. 25/approx. 30 m*
- Delivery rate: 1–16/1–20 l/min
- Delivery pressure: max. 40 bar

* Depends on material, consistency of material and hose diameter

The **HighPumpBig** does not just save time; it also ensures a consistently high level of quality.

It has a frequency converter for continuous speed adjustment. This technology displays particularly low levels of wear in comparison to pumps with mechanical adjustment mechanisms.

Other features

- Vario rotor stator pump
- Stainless steel funnel
- High power
- Continuous speed adjustment
- Automatic shut-off on the protective grid
- Connection for optional remote control
- Rotor and stator, depending on product

HighPumpSmall

The **HighPumpSmall** is a compact, light and very robust screw pump for the conveying, filling and injecting of cementitious and liquid products such as microcement, whitewash and silification compounds. With appropriate accessories, the machine can also be used to inject pigmented paints such as silicate paints, whitewashes, as well as concrete primers, plaster bases, etc. The output amount can be continuously adjusted with the speed regulator.

The **HighPumpSmall** is available with upper containers in 6 l or 30 l sizes. It can be operated either with a remote control or automatic lance and spray gun.



Technical Data:

- Voltage: 230 V/50 Hz
- Engine power: 1,15 kW
- Weight of pump: 15 kg
- Delivery distance: 15 m*
- Delivery height: 10 m*
- Delivery rate: 0,5–12 l/min
- Delivery pressure: max. 25 bar

* Depends on material, consistency of material and hose diameter

Mixing pumps

HighCombPower

The **HighCombPower** is the right choice for extreme applications and materials which are difficult to process. The patented mixing zone has been further extended so that the material spends even longer there. You can see the result: superb mixing quality which is a cut above the rest!



Other features

- Increased power with the optional 7.5 kW planetary gear motor
- EASY-CLEAN function – wear-resistant plastic parts make it no trouble to clean
- Up-to-date automatic controls prevent costly idle times for machinery and staff

Technical Data:

- Voltage: 400 V/50 Hz
- Engine power: 6 kW
- Weight of pump: 230 kg
- Delivery distance: 60 m*
- Delivery height: 40 m*
- Delivery rate: 6–35 l/min
- Delivery pressure: max. 45 bar

* Depends on material, consistency of material and hose diameter

HighCombBasic

The **HighCombBasic** is a robust, practical automatic mixing pump with clear advantages for many areas of application both indoors and out. This mixing pump is also highly suitable for restoration and renovation work.

Other features

- Varnished material container
- Spur gear motor
- Particularly deep-set protective grid
- Safeguard against engine being rotated wrongly
- Automatic shut-off if phase failure occurs



Technical Data:

- Voltage: 400 V/50 Hz
- Engine power: 5 kW
- Weight of pump: 230 kg
- Delivery distance: 40 m*
- Delivery height: 30 m*
- Delivery rate: 7–35 l/min
- Delivery pressure: max. 40 bar

* Depends on material, consistency of material and hose diameter

Continuous mixer

HighMix I

The **HighMix I** is a powerful and efficient continuous mixer. Its simple operation and robust design enable secure, comfortable handling. Carefully selected high-quality materials guarantee a long service life, even under tough conditions on the building site. The well thought-out construction facilitates cleaning and maintenance.



Technical Data:

- Voltage: 230/400 V/50 Hz
- Engine power: 2,2/4 kW
- Weight of mixer: 90 kg
- Filling container: 120 l

Compulsory mixer

HighMix II

The universal compulsory mixer **HighMix II** enables exactly the high and consistent level of quality which the material producer demands. The 3-arm mixing technology (with turbo agitator) ensures homogeneous mixing. The drum is filled via the protective grid. The exposed mixer drum allows the mixing process to be well monitored. More material can be added easily, even during the mixing process. The mixer is emptied from a gate in the drum floor in controlled amounts.

The **HighMix II** is equipped with a segment valve for grains up to 16 mm.



Technical Data:

- Voltage: 230/400 V/50 Hz
- Engine power: 2/3 kW
- Weight of mixer: 108 kg
- Mixer drum: 140 l

Airless pumps

HighPumpInject

The **HighPumpInject** is an electric membrane airless pump for the processing of one and two-component injection resins, liquid injection media, paints with flash points over +21°C, clear varnishes, primers, glazes, wood preservers, water-based paints, fillers and hydrophobic impregnations.

Technical Data:

- Voltage: 230 V/50 Hz
- Engine power: 1,5 kW
- Weight of pump: 17 kg
- Delivery distance: 20 m*
- Delivery height: 10 m*
- Delivery rate: 2,5 l/min
- Delivery pressure: 230 bar

* Depends on material, consistency of material and hose diameter



HighSpray-2K

The manageability, low air consumption and simple operation of the 2K bitumen spray unit **HighSpray-2K** make it particularly distinctive. Both components of the bitumen sealant react at a ratio 10:1 during the external mixing process produced by a special mixing gun and form a closed sealant directly on the surface to be sealed.

Technical Data:

- For operation, a compressor of approx. 500 l/min is required
- Weight of pump: 55 kg
- Delivery distance: 30 m*
- Delivery height: 20 m*
- Delivery rate: 7 l/min
- Delivery pressure: max. 72 bar

* Depends on material, consistency of material and hose diameter



HighPressUni

The **HighPressUni** is a pneumatic injection pump with continuously adjustable pressure. It was specially developed for the patented multi-phase injection system. The constant control of the injection by acoustic changes in the drive noise (engine stops when injection point is completely filled) is particularly noteworthy.

Technical Data (Pump 1/pump 2):

- For operation, a compressor of approx. 300 l/min is required
- Weight of pump: 28 kg
- Pressure intensification: 1:1/1:16
- Delivery rate: 24/1,6 l/min
- Delivery pressure: 8/128 bar
- Upper container: 6 l

